

---

**DECLARATION AND POWER OF ATTORNEY**

---

As a below-named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am an original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Novel Polypeptides, Their Nucleic Acids, And Methods For Their Use In Angiogenesis And Vascularization**

the specification of which was filed on **October 5, 2000** as Application Serial No. **09/684,458**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

US 60/158,587  
(Application Serial No.)

October 7, 1999  
(Filing Date)

US 60/162,611  
(Application Serial No.)

October 28, 1999  
(Filing Date)

**POWER OF ATTORNEY**

I hereby appoint the attorney(s) and agent(s) of Sonnenschein Nath & Rosenthal associated with Customer Number 26263, with full power of revocation and substitution, to prosecute this application and to transact all business with the United States Patent and Trademark Office in connection therewith.

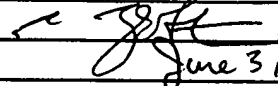
---

**SEND CORRESPONDENCE AND DIRECT TELEPHONE CALLS TO:**

Gregory M. Zinkl, Ph.D.  
SONNENSCHN NATH & ROSENTHAL  
P.O. Box 061080  
Wacker Drive Station, Sears Tower  
Chicago, Illinois 60606-1080  
(312) 876-8000  
Customer Number 26263

---

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor: Mary E. Gerritsen  
Inventor's Signature:   
Date: June 3 / 2003  
Country of Citizenship: U.S.  
Residence and Post Office Address: 541 Parrott Drive  
San Mateo, California 94402

Inventor: Audrey Goddard  
Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Country of Citizenship: U.S.  
Residence and Post Office Address: 110 Congo Street  
San Francisco, California 94131

Inventor: J. Christopher Grimaldi  
Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Country of Citizenship: U.S.  
Residence and Post Office Address: 1434 36th Avenue  
San Francisco, California 94122

Inventor: Fuad Mehraban  
Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Country of Citizenship: U.S.  
Residence and Post Office Address: 6095 Main Street  
Trumbull, Connecticut 06611

---

**DECLARATION AND POWER OF ATTORNEY**

---

As a below-named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am an original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Novel Polypeptides, Their Nucleic Acids, And Methods For Their Use In Angiogenesis And Vascularization**

the specification of which was filed on **October 5, 2000** as Application Serial No. **09/684,458**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

US 60/158,587  
(Application Serial No.)

October 7, 1999  
(Filing Date)

US 60/162,611  
(Application Serial No.)

October 28, 1999  
(Filing Date)

**POWER OF ATTORNEY**

I hereby appoint the attorney(s) and agent(s) of Sonnenschein Nath & Rosenthal associated with Customer Number 26263, with full power of revocation and substitution, to prosecute this application and to transact all business with the United States Patent and Trademark Office in connection therewith.

---

**SEND CORRESPONDENCE AND DIRECT TELEPHONE CALLS TO:**

Gregory M. Zinkl, Ph.D.  
SONNENSCHN NATH & ROSENTHAL  
P.O. Box 061080  
Wacker Drive Station, Sears Tower  
Chicago, Illinois 60606-1080  
(312) 876-8000  
Customer Number 26263

---

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor: Mary E. Gerritsen  
Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Country of Citizenship: U.S.  
Residence and Post Office Address: 541 Parrott Drive  
San Mateo, California 94402

Inventor: Audrey Goddard  
Inventor's Signature: *Audrey Goddard*  
Date: June 6, 2003  
Country of Citizenship: U.S.  
Residence and Post Office Address: 110 Congo Street  
San Francisco, California 94131

Inventor: J. Christopher Grimaldi  
Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Country of Citizenship: U.S.  
Residence and Post Office Address: 1434 36th Avenue  
San Francisco, California 94122

Inventor: Fuad Mehraban  
Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Country of Citizenship: U.S.  
Residence and Post Office Address: 6095 Main Street  
Trumbull, Connecticut 06611

---

**DECLARATION AND POWER OF ATTORNEY**

---

As a below-named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am an original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Novel Polypeptides, Their Nucleic Acids, And Methods For Their Use In Angiogenesis And Vascularization**

the specification of which was filed on **October 5, 2000** as Application Serial No. **09/684,458**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

US 60/158,587  
(Application Serial No.)

October 7, 1999  
(Filing Date)

US 60/162,611  
(Application Serial No.)

October 28, 1999  
(Filing Date)

**POWER OF ATTORNEY**

I hereby appoint the attorney(s) and agent(s) of Sonnenschein Nath & Rosenthal associated with Customer Number 26263, with full power of revocation and substitution, to prosecute this application and to transact all business with the United States Patent and Trademark Office in connection therewith.

---

**SEND CORRESPONDENCE AND DIRECT TELEPHONE CALLS TO:**

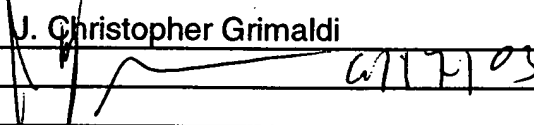
Gregory M. Zinkl, Ph.D.  
SONNENSCHN NATH & ROSENTHAL  
P.O. Box 061080  
Wacker Drive Station, Sears Tower  
Chicago, Illinois 60606-1080  
(312) 876-8000  
Customer Number 26263

---

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor: Mary E. Gerritsen  
Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Country of Citizenship: U.S.  
Residence and Post Office Address: 541 Parrott Drive  
San Mateo, California 94402

Inventor: Audrey Goddard  
Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Country of Citizenship: U.S.  
Residence and Post Office Address: 110 Congo Street  
San Francisco, California 94131

Inventor: J. Christopher Grimaldi  
Inventor's Signature:   
Date: 6/17/03  
Country of Citizenship: U.S.  
Residence and Post Office Address: 1434 36th Avenue  
San Francisco, California 94122

Inventor: Fuad Mehraban  
Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Country of Citizenship: U.S.  
Residence and Post Office Address: 6095 Main Street  
Trumbull, Connecticut 06611

---

**DECLARATION AND POWER OF ATTORNEY**

---

As a below-named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am an original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Novel Polypeptides, Their Nucleic Acids, And Methods For Their Use In Angiogenesis And Vascularization**

the specification of which was filed on **October 5, 2000** as Application Serial No. **09/684,458**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

US 60/158,587  
(Application Serial No.)

October 7, 1999  
(Filing Date)

US 60/162,611  
(Application Serial No.)

October 28, 1999  
(Filing Date)

**POWER OF ATTORNEY**

I hereby appoint the attorney(s) and agent(s) of Sonnenschein Nath & Rosenthal associated with Customer Number 26263, with full power of revocation and substitution, to prosecute this application and to transact all business with the United States Patent and Trademark Office in connection therewith.

---

**SEND CORRESPONDENCE AND DIRECT TELEPHONE CALLS TO:**

Gregory M. Zinkl, Ph.D.  
SONNENSCHN NATH & ROSENTHAL  
P.O. Box 061080  
Wacker Drive Station, Sears Tower  
Chicago, Illinois 60606-1080  
(312) 876-8000  
Customer Number 26263

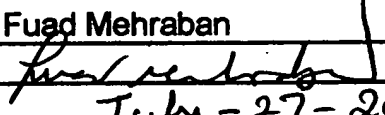
---

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor: Mary E. Gerritsen  
Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Country of Citizenship: U.S.  
Residence and Post Office Address: 541 Parrott Drive  
San Mateo, California 94402

Inventor: Audrey Goddard  
Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Country of Citizenship: U.S.  
Residence and Post Office Address: 110 Congo Street  
San Francisco, California 94131

Inventor: J. Christopher Grimaldi  
Inventor's Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Country of Citizenship: U.S.  
Residence and Post Office Address: 1434 36th Avenue  
San Francisco, California 94122

Inventor: Fuad Mehraban  
Inventor's Signature:   
Date: July - 27 - 2003  
Country of Citizenship: U.S.  
Residence and Post Office Address: 6095 Main Street  
Trumbull, Connecticut 06611



S/N 09/684,458

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Gerritsen et al.	Examiner:	Ruixiang Li
Serial No.:	09/684,458	Group Art Unit:	1646
Filed:	10/5/2000	Docket No.:	11669.186USU1
Title:	NOVEL POLYPEPTIDES, THEIR NUCLEIC ACIDS, AND METHODS FOR THEIR USE IN ANGIOGENESIS AND VASCULARIZATION		

CERTIFICATE UNDER 37 CFR 1.6(d):

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on March 25, 2004.

By:

Name:

*Michael J. Quaranta*

Michele J. Quaranta

ASSOCIATE POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Please recognize Katherine Kowalchyk, Registration No. 36,868, and Denise Kettelberger, Registration No. 33,924, as associate attorneys in the above-identified application, with full power to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Respectfully submitted,

*Gregory M. Zinkl*

Gregory M. Zinkl, P.L.D.

Registration No. 48,492

SONNENSCHN NATH & ROSENTHAL  
P.O. Box 061080  
WACKER DRIVE STATION, SEARS TOWER  
CHICAGO, IL 60606  
312-876-8000